SEQUENCE LISTING

<110> Keith, Jonathan M
Bryant, Darryn E
Adams, Peter

<120> A method for sequence analysis

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<212> DNA
<213> Artificial

<220>
<223> Sequence string

<400> 150
tggcgcgagc ggctcacatc 20

<210> 151
<211> 28
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<400> 151
ccgcgccttc tgctctggtg cgggaggc 28

<210> 152
<211> 9
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<400> 152
tgaaggaac 9

<210> 153
<211> 9
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<400> 153
agaagáaaa 9

<210> 154
<211> 9
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<400> 154
agaaggaac 9

<210> 155
<211> 9
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<400> 155
acaaggaac 9

<210> 156

<211> 9
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<400> 156
agaaggtac 9

<210> 157
<211> 251
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<400> 157
ggcgtaataa tactatttgt tgtgtcaatt ttcttggttc ctgactaaaa cattaaggtt 60

tctcagttaa gctatatacg ataaatattg gcatctttct attgcaggat gatttctagt 120

gctaagcatt atagccagga gtaaaggaaa taacgcttta acgataccac cattaattta 180

aaaaatggag tctgaaatgg aaaaagaaga aaaaagcaat ctcatctacg ataaagatcc 240

tggatatgtg t 251

<210> 158
<211> 247
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<400> 158
ggcgtaataa tactatttgt tgtgtcaatt gtcttggttc ctgactaaaa cattaaggtt 60

tctcagttaa gctatagacg ataaatattg gcatctttct attgcaggat gatttctagt 120

gctaagcatt atagccagga gtaaaggaaa taacgcgtta acgataccac cattaattta 180

aaaaatggag tctgaaatgg aaaaagaaga aaaaagcaat ctcatctacg ataaagatcc 240

tggatat 247

<210> 159
<211> 247
<212> DNA
<213> Artificial

<220>

<223> Sequence string

<220>
<221> misc_feature
<222> (218)..(218)
<223> n is a, c, g, or t

<400> 159
ggcgtaataa tactatttgt tgtgtcaatt tgctgggttc ctgactaaca cattcaggtt 60

tctcagttaa gctatatacg atacatatgg gcatctttct attgcaggat gatttctagt 120

gctacgcatg atagccagga gtaaaggaaa taacgcttta acgctaccac cattaattta 180

aaaaatggag tctgaaaggg aaaaagaaga aaaacgcnat ctcatctacg ataaagatcc 240

tggatat 247

<210> 160
<211> 247
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<400> 160
ggcgtaataa tactatttgt tgtgtcaatt ttcttggttc ctgactaaaa cattaaggtt 60

tctcagttaa gctatatacg ataaatcttg gcatcttgct attgcaggat gatttctagt 120

gctaagcagt atagccagga gtaaaggaaa tcacgcttta acgataccac cattaattta 180

aaaaatggag tctgaactgg aaaacgaaga aacaagcaat ctcatctacg ataaagatcc 240

gggatct 247

<210> 161
<211> 247
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<220>
<221> misc_feature
<222> (23)..(23)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (76)..(76)

<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (99)..(99)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (195)..(195)
<223> n is a, c, g, or t

<400> 161
ggcgtaataa tactatgtgt tgngtcaatt ttcttggttc ctgactaaaa cattaaggtt 60

tctcagttaa gctatntacg ataaatattg gcatctttnt attgcaggat gatttctagt 120

gctaagcatt atagccagga gtaaaggaaa taacgcttta acgataccac cattaattta 180

aaaaatggag tctgnactgg aaaaagaaga aaaaagcaat ctcatctacg ataaagatcc 240

tggatat 247

<210> 162
<211> 247
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<400> 162
ggcgtaataa tactatttgt tgtgtcaatc tcctcggttc ctgactaaaa cattaaggtt 60

tctcagttaa gctatacacg ataaacactg gcatccttct actgcaggat gatctccagt 120

gctaagcatt atagccagga gtaaaggaaa taacgcttta acgataccac cattaatcta 180

aaaaatggag cctggaatgg aaaaagaaga aaaaagcaat ctcatctacg ataaagattc 240

tggatac 247

<210> 163
<211> 247
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<400> 163
ggcgtaataa tactatccgt tgtgtcaatt ttcttggttc ctgactaaaa cattaaggtt 60

tcttagttaa gctatatacg ataaatattg gcacctttct attgcaggat gacttctagt 120

gctaagcatt atagtcagga gtaaaggaaa taacgcttta acgataccac cattaattca 180

aaaaatggag tctgaaatgg aaaaagaaga aaaaagcaac ctcatctacg ataaagatcc 240

tggatat 247

<210> 164
<211> 247
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<400> 164
ggcgtaataa tactatttgt tgtgtcaatt ttcttggttc ctgactaaaa cattaaggtt 60

tctcagttaa gctatatacg ataaatattg gcatctttct attgcaggat gatttctagt 120

gctaagcatt atagccagga gtaaaggaaa taacgcttta acgataccac cattaattta 180

aaaaatggag tctgaaatgg aaaaagaaga aaaaagcaat ctcatctacg ataaagatcc 240

tggatat 247

<210> 165
<211> 247
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<400> 165
ggcgtaataa tactatttgt tgtgtcaatt ttcttggttc ctgactaaaa cattaaggtt 60

tctcagttaa gctatatacg ataaatattg gcatctttct attgcaggat gatttctagt 120

gctaagcatt atagccagga gtaaaggaaa taacgcttta acgataccac cattaattta 180

aaaaatggag tctgaaatgg aaaaagaaga aaaaagcaat ctcatctacg ataaagatcc 240

tggatat 247

<210> 166
<211> 245
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<220>

<221> misc_feature
<222> (231)..(232)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (240)..(240)
<223> n is a, c, g, or t

<400> 166
ggcgtaataa cactatttgt cgtgccaatt ttcttggttc ctggctaaag cattagggtc 60

tctcggttag gctgtatacg gcgagtgttg gcatcttcct atcgcgggat gatttctagt 120

gctagacgct atagccaggg gtaaaggaag taacgcttca gcggtaccac cattagttta 180

aagggtgggg cctgaagtgg aaaaagggaa agaaagcaat ctcatttcgg nnaagatccn 240

ggttt 245

<210> 167
<211> 248
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<220>
<221> misc_feature
<222> (239)..(239)
<223> n is a, c, g, or t

<400> 167
gacgtagtag tactatctgt cgtgtcagtc ttcctggttc ccgaccaaga cactaaggtc 60

tctcagctag actgtgcacg ataaatattg gcgccttcct actgcggaat gacttctaat 120

gctaagcact atgaccagga gtggaggagg caacactcta acgacaccac cattaattca 180

aagagcggag cctgggatgg ggagagggga aaagagcaac cccatctaca ataaaaganc 240

cttgattt 248

<210> 168
<211> 245
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<220>

<221> misc_feature
<222> (244)..(244)
<223> n is a, c, g, or t

<400> 168
gacgtagtag tactatttgc tgtgccaacc ttcttagtcc ctggctgaag cattgaggtt 60

tcccggtcaa accatacgcg ataagtattg gcacctttct actacaggat ggcttctagt 120

gccagacatt acagccaggg gtgaagggga taacgcttta gcgacaccac cgttaaccta 180

aaagatggag tctgaaatgg aaaaagggga gagaagcaat ctcgcctacg acaaaaactt 240

gatnc 245

<210> 169
<211> 247
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<220>
<221> misc_feature
<222> (230)..(230)
<223> n is a, c, g, or t

<400> 169
ggcgtgataa cgctacctgc tacaccaatc ctcctggctc ctggccaagg cactaaggtc 60

tctcagtcgg gctatataca gtaggcattg gcattccttt gtcgtggggt aatctctagt 120

gctaaacatt atagccaggg gtgaaggaaa taacgctcta acgataccac cgctagccca 180

aaaagtggag tccgggatgg agaaagagga gaggagcaat cccgctgcan taaaggcccc 240

tggacat 247

<210> 170
<211> 245
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<220>
<221> misc_feature
<222> (226)..(226)
<223> n is a, c, g, or t

<400> 170

ggcgtaataa taccacttgt tgtgtcaatt tccttggttc ctgactaaaa cactaaggtc 60

tttcagctaa gccgtatacg ataaacactg gcatctttct gctacagggc gattcctagt 120

gctaggcatt atggccagga gtaaagggga tgacgcttca gcggcaccgc cattggttta 180

aagaatgggg cctgaaatgg agaaagaggg aagaggcaat ctcatntgcg atagaagctg 240

gatat 245

<210> 171
<211> 245
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<400> 171
ggcgtaatga tactacctgt cgtgccaatc ttcttggttc ctgactagag cattaaggtt 60

tctcagttaa gctatatacg gtaaatattg gcatcttcct attgcaggat gatttctagt 120

gccgagcatt atagccagga gtaaaggaaa tggcgcctta gcggtgccac cattagttta 180

aagaatggag tctgaaatgg aaaaagaagg aaaaagcagc cttatctacg ataaggactg 240

agtat 245

<210> 172
<211> 245
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<400> 172
ggcgtagtaa taccatctac tgtgtcaatc ccctcgactc ccgactgaaa cattaaggtt 60

tctcagctaa gctacgcacg atgagtaccg gcatccctct atcgcaggac gatccctagt 120

gctaggcatc acagccggga gtaagggaga taacacttta acggtaccac cactaactcg 180

gagaatggag tttgaagtgg aaaaggggga aaaaaacaat ctcgtctgcg gtagaggccg 240

ggcgt 245

<210> 173
<211> 245
<212> DNA
<213> Artificial

<220>

<223> Sequence string

<220>
<221> misc_feature
<222> (116)..(116)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (130)..(130)
<223> n is a, c, g, or t

<400> 173
ggcgtaacag tactacttgc tgcgtcaact ttcttggtcc ctggctgaag cgttaaggcc 60

tctcggttga gctatgcacg gtaaatactg acgcttcccc gtcgcagggc gatctntggc 120

gccaagcatn atagccaggg gtaaaggaag taacgctttg gcggcaccac cactaactta 180

gagaatggag tccgggatgg gggaagggga aagagacgac cccacctacg gtggggaccg 240

ggtat 245

<210> 174
<211> 245
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<220>
<221> misc_feature
<222> (192)..(192)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (223)..(223)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (233)..(233)
<223> n is a, c, g, or t

<400> 174
ggcgtaataa tactatctgt tgtgtcaatt ttcttggttc ctgactaaag cattaaggtt 60

tctcagttaa gctgtatacg ataaatattg gcacctttct attgcaggat gatttctggt 120

gctaagcatt acagccagga gtaaaggaaa taacgcttta acggtaccac cattaattta 180

aaaaatggaa tntgaaatgg aaaaagaaga gaaaagcaat ctnatctacg gtnaagactg 240

ggtat 245

<210> 175
<211> 245
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<400> 175
ggcgtaataa tactacctgt tgcgccaatc tccctggtcc ctgactaaaa cgttaaggtc 60

tcccagttaa gccacatacg acagatattg gcatcccccc actgcggaat gatttctggt 120

gctaagcgtt atagccagga gtaaagggaa tgacgcctta acggtaccgc cgttaattca 180

aagagtggag tctggagtga gaaaaggaga aggaagcagt cccatctgca ataagggccg 240

ggtat 245

<210> 176
<211> 245
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<400> 176
ggcgtaataa tactacttac tgtgttaatt ctctcggtcc ccgactaaaa cattaaggtt 60

tcccagttaa gctatatatg gtaaatgccg gcacctttct atcgcaggat gatctctagc 120

gccaggcgct atagtcagga gtagaggaga tgacgcttta acgataccgc catcaacttg 180

agaagtggag tctgaaacgg aggaggaagg aaaaaataat ctcattcacg atagaaactg 240

gatat 245

<210> 177
<211> 185
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<400> 177
ggcgtaataa tactgtttgt tgtgtcaatt ttcttggttc ctgaccaaaa cattaaagtt 60

gctaagcatc atagtcagga gtaaagggga taacgctttg gcgataccac cattaatcta 120

aaaagtggag tctgaaacgg aagaagagga agagagtaat ctcatctacg gcaaaggctg 180

ggtat 185

<210> 178
<211> 245
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<400> 178
aacgtaataa tactatttgc cgtgtcaatt ttctcggtcc ccgactgaaa tgttagggtt 60

tcccagttaa gctatatacg ataaatattg gcatctttcc attgcgggat gattcctagt 120

gctaagcatt atagccagga gtaaaggaaa taacgcttta gcagtaccac cattaattta 180

aaagatggag tctgaagtgg aaaaggagga aaaaagcaat ctcatctacg ataaagactg 240

gatac 245

<210> 179
<211> 246
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<220>
<221> misc_feature
<222> (23)..(23)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (232)..(232)
<223> n is a, c, g, or t

<400> 179
ggcacaataa tattatttgt cgngtcagtc tctctggctc ctgaccaaaa cgtcaaggtc 60

ccccagtcaa gccacatacg acagacattg gcatcttcct actacaggat gatttctagt 120

gctaagtgtt gtagccagga gcaaaggaga taacgcccta atggcgccat cattaattca 180

gaaagtggag cctaaagtgg agaaagagaa gaagagtacc ccgtctacag tnaagacccc 240

gggtat 246

<210> 180

<211> 245
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<400> 180
ggcgtaacag caccacttgt tgtgccgatt cccttggtcc ccgactaaga cactagggtc 60

ccccagtcag accatatacg ataaataccg gcacctcctt accgcgggac agttcctaac 120

gctaagcact atagccgggg gtaaagggga taacgcttcg acgataccac cgctaactta 180

agggatgggg cctgagatgg agagagaaga agagagcgat ctcatctacg ataagggctg 240

gatat 245

<210> 181
<211> 245
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<400> 181
ggcgtaatag tactatttgt tgtgtcaatt ctcttggctc ctgactgaaa cactaaggtc 60

tctcagctag gctatgtgcg acggatattg gcatccttct gctacaggat gacttctagc 120

gctgggcgcc atagccagga gtaaagggga taatgctcta acggcaccac cactaattta 180

agaaatggag tctaaagtgg gaaaagaaga aaagagcaat ctcacccacg acgaggactg 240

gatat 245

<210> 182
<211> 245
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<220>
<221> misc_feature
<222> (120)..(120)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (159)..(159)
<223> n is a, c, g, or t

<400> 182
aacgtaatag taccattcgt tgtgtcaact ttcttggccc ctgactagag catcgaggtc 60

tcttggttaa gctgcatgcg ataaatattg gcgcctctct actgcagggt ggtccctggn 120

gctgggcgtt atagccggga gtaagggaga caacgcttng gcggcaccac cactagttta 180

aggaatggag tctgaaacgg aaggagaaga gaaaggcaat cccatctaca ataaagactg 240

ggtat 245

<210> 183
<211> 245
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<400> 183
ggcgtagcgg tactgttcgc tgtgtcgatc ttcttggccc ctgactagag cattaaggtc 60

tcttgattaa gctatgcacg gtgaatactg gcatcctcct atcgcaggac ggcctctggt 120

gctgagcgct atggccagga gtgaagggga tgacgcctta acagtaccac cgttagttca 180

gaaagcggag tctgagatgg aggaggaagg aagaagcaat cttatctacg gtaaagactg 240

gatat 245

<210> 184
<211> 245
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<400> 184
ggcgtagtaa tactacttgt tgtgtcaact ttcttggtcc ctgactaaaa cattaaggtt 60

tcccagctaa gtcatatacg ataaatactg gcgttcttct actgcgggac ggctcctggt 120

gctaagcgtt atagccagga gtggaggaaa taacgcttta gcgataccac cattaattta 180

aaaaatggag tctgagatgg gagaggaaga agaaaacagt ctcacctacg acaaggactg 240

gatat 245

<210> 185
<211> 195
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<400> 185
cattaaggtc cctcggttga gctatgtacg gtgagtattg gcgccttcct attgcagaat 60

aatttctagc gccaagcatt gtagccgggg gtaaaggaaa cagcgcttca acgataccgc 120

cactaactca aagaatggag tctggagtgg agaaaagggg agagagcagt cccatccacg 180

gtaaagactg gatat 195

<210> 186
<211> 245
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<400> 186
ggcgtaataa tactatttgt tgtgtcaatt ttcttggttc ctgactaaaa cattaaggtt 60

tctcagttaa gctatatacg ataaatattg gcatctttct attgcaggat gatttctagt 120

gctaagcatt atagccagga gtaaaggaaa taacgcttta acgataccac cattaattta 180

aaaaatggag tctgaaatgg aaaaagaaga aaaaagcaat ctcatctacg ataaagactg 240

gatat 245

<210> 187
<211> 245
<212> DNA
<213> Artificial

<220>
<223> Sequence string

<400> 187
ggcgtaataa tactatttgt tgtgtcaatt ttcttggttc ctgactaaaa cattaaggtt 60

tctcagttaa gctatatacg ataaatattg gcatctttct attgcaggat gatttctagt 120

gctaagcatt atagccagga gtaaaggaaa taacgcttta acgataccac cattaattta 180

aaaaatggag tctgaaatgg aaaaagaaga aaaaagcaat ctcatctacg ataaagactg 240

gatat 245

<210> 188
<211> 94
<212> DNA

<213> Artificial

<220>
<223> Sequence string

<400> 188
gctccagtgg cgcaatcggt tagcgcgcgg tacttataca acagtatatg tgcgggtgat 60

gccgaggttg tgagttcgag cctcacctgg agca 94